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Certificate of Analysis

Product	20748 - Xanthine extrapure CHR, 99% - [69-89-6]
Batch No	7499602
Analysis Date	22-May-2022
Date of Manufacture	May 2022
Expiry Date/Re-Test Date	May 2027
Molecular Formula	C ₅ H ₄ N ₄ O ₂
Molecular Weight	152.11

Test Parameters	Standards	Actual Results
Appearance (Colour)	White to off-white	Off-white
Appearance (Form)	Powder	Powder
Solubility (Turbidity) 1% solution in 0.1N NaOH	Clear	Clear
Solubility (Colour) 1% solution in 0.1N NaOH	Colourless	Colourless
Assay	min. 99%	99.1%
Loss on drying	max. 1%	0.4%
Sulphated Ash	max. 0. 1%	0.02%
A250nm/A260nm	~1.29	1.31
A280nm/A260nm	~1.71	1.75
A290nm/A260nm	~0.92	0.98

FRM/82/11/4/20748 Rev No. 1 Date 11/13/2017

Prepared by Nilesh

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

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